

From: [Chao Chen](#)
To: [David Bussard](#)
Cc: [Ravi Subramaniam](#)
Subject: Re: ACC Bottoms Up - an alternative way to present
Date: 12/05/2012 10:59 AM

David:

Let me answer or comment on the 3 issues your raised.

(b) (5)

Chao

▼ [David Bussard---12/04/2012 04:59:25 PM---From: Chao Chen/DC/USEPA/US To: David](#)

Bussard/DC/USEPA/US@EPA

From: David Bussard/DC/USEPA/US
To: Chao Chen/DC/USEPA/US@EPA
Cc: Ravi Subramaniam/DC/USEPA/US@EPA
Date: 12/04/2012 04:59 PM
Subject: Re: ACC Bottoms Up - an alternative way to present

▼ Chao Chen---12/04/2012 04:10:27 PM---I thought that by providing both positive and negative view points may help to clarify what we want

From: Chao Chen/DC/USEPA/US
To: David Bussard/DC/USEPA/US@EPA
Cc: Ravi Subramaniam/DC/USEPA/US@EPA
Date: 12/04/2012 04:10 PM
Subject: Re: ACC Bottoms Up - an alternative way to present

I thought that by providing both positive and negative view points may help to clarify what we want to do next. I suspect that we are somewhat overburden because we try to dignify too much on something that was a crap to begin with. Here is my shot.

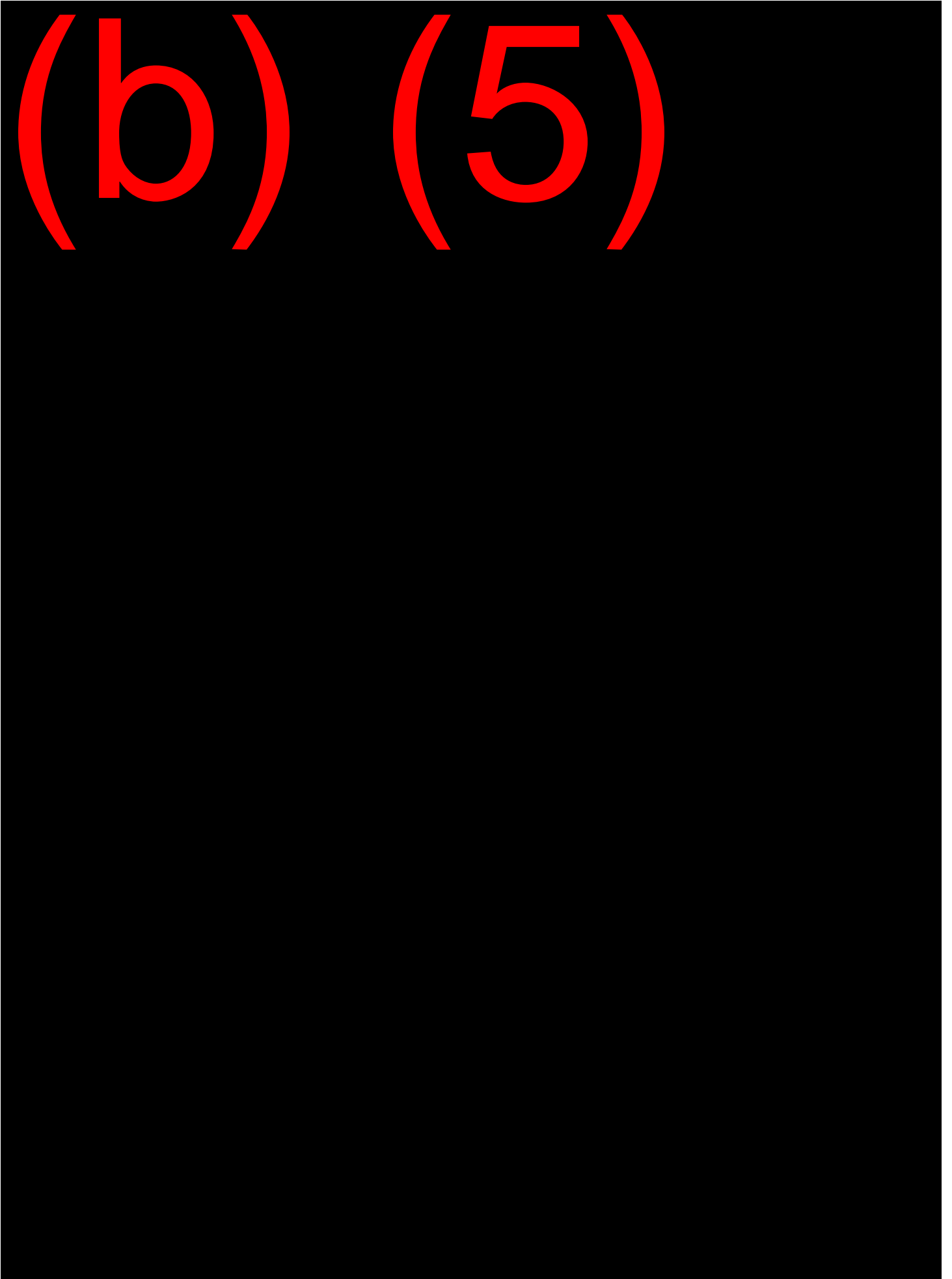
Chao

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Both supporting and opposing arguments to the ACC approach are provided below without using any mathematical dose response model. All arguments are based only on real data available.

(b) (5)

(b) (5)



(b) (5)

David

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▼ David Bussard---12/04/2012 06:59:29 AM---Here is a thought about an alternative way of presentation. I think Starr was arguing that both the

From: David Bussard/DC/USEPA/US
To: Chao Chen/DC/USEPA/US@EPA, Ravi Subramaniam/DC/USEPA/US@EPA
Date: 12/04/2012 06:59 AM
Subject: Re: ACC Bottoms Up - an alternative way to present

Here is a thought about an alternative way of presentation.

(b) (5)

(b) (5)

David

▼ Chao Chen---12/03/2012 09:20:57 PM---I would like to point out that some concepts in David question provide a very good support to what R

From: Chao Chen/DC/USEPA/US
To: David Bussard/DC/USEPA/US@EPA
Cc: Ravi Subramaniam/DC/USEPA/US@EPA
Date: 12/03/2012 09:20 PM
Subject: Re: ACC Bottoms Up

(b) (5)

(b) (5)

-----David Bussard/DC/USEPA/US wrote: -----

To: Ravi Subramaniam/DC/USEPA/US@EPA, Chao
Chen/DC/USEPA/US@EPA
From: David Bussard/DC/USEPA/US
Date: 12/03/2012 05:39PM
Subject: Re: ACC Bottoms Up

Ravi,

Good guess. Attachment D does not look familiar. Either I did not see it or it was with multiple other attachments and I did not work my way through all of them.

Let me take a look, and see if I think it addresses the issue well enough.

David

▼ Ravi Subramaniam---12/03/2012 04:23:29 PM---From: Ravi
Subramaniam/DC/USEPA/US To: David Bussard/DC/USEPA/US@EPA

From: Ravi Subramaniam/DC/USEPA/US
To: David Bussard/DC/USEPA/US@EPA
Cc: Chao Chen/DC/USEPA/US@EPA
Date: 12/03/2012 04:23 PM
Subject: Re: ACC Bottoms Up

David:

Your email makes me suspect either you may missed the relevant attachment I sent with our meeting Agenda OR you believe that is inadequate and that a general theoretical demonstration is needed. I wrote to you in response to your first email that I agreed with the general conclusions of that demonstration; but I actually think for the formaldehyde assessment we need to demonstrate the point with the data at hand (which is what I thought my write-up addressed). Your demonstration frames a general question clearly, so I can certainly include it.

If you did not read that attachment, please look at this revised one now. Would be good to have comments from you and Chao. (Converted to pdf since the word file moves the figures around every time I open it.) (I

should add that one of the questions Starr had when I explained your exercise to him was whether we could actually show that with their adduct data; he was willing to accept it in theory.)

Ravi.
NCEA-Washington, ORD, EPA
(703) 347-8606, (301) 515-2701 (alternate office)

-----David Bussard/DC/USEPA/US wrote: -----

To: Chao Chen/DC/USEPA/US@EPA, Ravi
Subramaniam/DC/USEPA/US@EPA
From: David Bussard/DC/USEPA/US
Date: 12/03/2012 11:29AM

(b) (5)

While you be writing up something that explores that?

David(See attached file: Attachment D.pdf)

[attachment "Attachment D.pdf" removed by Chao Chen/DC/USEPA/US]

